Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## Substitute for form 1449A/PTO Complete if Known **Application Number** 10/645,306 **INFORMATION DISCLOSURE** Filing Date 21-Aug-2003 STATEMENT BY APPLICANT First Named Inventor Choi et al Group Art Unit 1732 (use as many sheets as necessary) **Examiner Name** Leo Tentoni Sheet of Attorney Docket Number P86-28-03

U.S. PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Document N	lumber Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Publication Date MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	E1	T = 0.40 ===	<del></del>		<del></del>				
<del></del>	ET	5,240,550	<u> </u>	Boehnke et al.	8/31/1993				
	E2	5,545,367		Bae et al.	8/13/1996	_			
	E3	5,888,650		Calhoun et al.	3/30/1999				
	E4	5,948,470		Harrison et al.	9/7/1999				
	E5	6,046,056		Parce et al.	4/4/2000				
	E6	6,074,827		Nelson et al.	6/13/2000				
	E7	6,517,977	B2	Resnick et al.	2/11/2003				
	E8	6,274,294	B1	Hines	8/14/2001				
	E9	6,326,627	B1	Putvinski et al.	12/4/2001				
	E10	5,956,216		Chou	9/21/1999				
	E11	5,820,769		Chou	10/13/1998				
	E12	6,916,584	B2	Sreenivasan et al.	7/12/2005				
	E13	6,849,558	B2	Schaper	2/1/2005				
·	E14	2006/0076717	A1	Sreenivasan et al.	4/13/2006				
	E15	2006/0077374	A1	Sreenivasan et al.	4/13/2006				
	E16	7,077,992	B2	Sreenivasan et al.	7/18/2006	_			
· .	E17	2006/0062867	A1	Choi et al.	3/23/2006				
	E18	6,348,999	B1	Summersgill et al.	2/19/2002				

Examiner		Doto	
	<del>-</del>	Date	
Signature		Canaidarad	
- 3		Considered	
		1	•
			L

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<sup>\*</sup>Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (08-03)

Approved for use through 7/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMR control purples.

Cubatituta fe	n ferme 1 4 4 0 4 4	1995, no persons	are required to r	espond to a collection of information u	pond to a collection of information unless it displays a valid OMB control number		
	or form 1449A/i				Complete if Known		
	NFORMATIO			Application Number	10/645,306		
· ·	TATEMENT	BY APPLICA	ANT	Filing Date	21-Aug-2003		
,				First Named Inventor	Choi et al		
(u	se as many shee	ts as necessary)	)	Group Art Unit	1732		
Ch1			<del> </del>	Examiner Name	Leo Tentoni		
Sheet	2	of	3	Attorney Docket Number	P86-28-03		

	FOREIGN PATENT DOCUMENTS										
Examiner Initials*	Cite No.1	Foreign Patent DocumentBG  Office Number <sup>4</sup> Kind Code <sup>5</sup> (If knBown)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>				
	E19	wo	87/02935		Long et al.	5/21/1987					
	E20	JP	02192045		Mineo et al.	7/27/1990					

Examiner	Date
Signature	
	Considered

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03)

Approved for use through 7/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for	r form 1449A/i	РТО		o a collection of information unless it displays a valid OMB control numb  Complete if Known		
	ORMATION			Application Number	10/645,306	
ST	ATEMENT B	Y APPLICA	NT	Filing Date	21-Aug-2003	
				First Named Inventor	Choi et al	
(use	as many sheets	as necessary)		Group Art Unit	1732	
				Examiner Name	Leo Tentoni	
Sheet	3	of	3	Attorney Docket Number	P86-28-03	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>				

E21	FEYNMAN, There's Plenty of Room at the Bottom, Caltech Engineering and Science, February 1960, California USA
E22	Abstract of Japanese Patent 02-24848, 1/26/1990
E23	COLBURN ET AL., Dissertation for the Degree of Doctor of Philosophy, Step and Flash Imprint Lithography: A Low-Pressure, Room-Temperature Nanoimprint Lithography 8/1/2001
E24	CHOI ET AL, US Patent Application no. 11/774,710 entitled Method of Automatic Fluid Dispensing for Imprint Lithography Processes, filed 7/9/2007

Examiner Signature	Date Considered	
Experiment Table 1 of		

<sup>\*</sup>Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.